

Title (en)
Clothes treating apparatus with heat pump

Title (de)
Vorrichtung mit Wärmepumpe zur Behandlung von Kleidungsstücken

Title (fr)
Appareil de traitement de vêtements avec pompe à chaleur

Publication
EP 2896740 B1 20191009 (EN)

Application
EP 15150938 A 20150113

Priority
KR 20140005711 A 20140116

Abstract (en)
[origin: EP2896740A1] A clothes treating apparatus may include a heat pump (100) that is detachable and controlled according to a plurality of operation modes. The plurality of operation modes may include a drying mode configured to control operation of the heat pump (100) when the heat pump (100) is mounted on the cabinet (200) and a dehumidification mode configured to control operation of the heat pump (100) when the heat pump is separated from the cabinet (200). The heat pump (100) may be used in a separable manner when separated therefrom as well as when mounted thereon.

IPC 8 full level
D06F 58/20 (2006.01); **D06F 58/38** (2020.01); **D06F 34/32** (2020.01); **D06F 58/48** (2020.01)

CPC (source: EP KR RU US)
D06F 58/10 (2013.01 - KR); **D06F 58/206** (2013.01 - EP KR RU US); **D06F 58/26** (2013.01 - KR); **D06F 58/38** (2020.02 - EP KR RU US); **D06F 58/48** (2020.02 - KR); **F25B 27/02** (2013.01 - US); **D06F 34/32** (2020.02 - EP RU US); **D06F 58/10** (2013.01 - EP RU US); **D06F 58/48** (2020.02 - EP RU US); **D06F 2101/20** (2020.02 - EP KR RU US); **D06F 2103/50** (2020.02 - EP KR US); **D06F 2105/20** (2020.02 - EP RU US); **D06F 2105/26** (2020.02 - EP KR US); **Y02B 40/00** (2013.01 - EP)

Cited by
EP3246458A1; US11713539B2; US11255041B2; WO2019029800A1; US10329081B2; US11225752B2; US11898299B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
EP 2896740 A1 20150722; EP 2896740 B1 20191009; AU 2015200197 A1 20150730; AU 2015200197 B2 20160414; CN 104790189 A 20150722; CN 104790189 B 20171027; KR 102204004 B1 20210118; KR 20150085728 A 20150724; RU 2015101077 A 20160810; RU 2604312 C2 20161210; US 10041203 B2 20180807; US 2015197882 A1 20150716

DOCDB simple family (application)
EP 15150938 A 20150113; AU 2015200197 A 20150116; CN 201510023211 A 20150116; KR 20140005711 A 20140116; RU 2015101077 A 20150115; US 201514597898 A 20150115